

luxfeel

Air

Inspired by one of the seven natural wonders of the world Australia's Great Barrier Reef, we believe luxfeel air could be the eighth. This beautiful species of flooring has been engineered to perfection.

It is the next-generation hybrid, meaning, they are unlike old hybrid floors that can absorb moisture, warp, expand, chip and crack. Luxfeel air solves these problems with our innovative 'air-lok'. The air-lok core makes your floor **100% waterproof** giving you structural strength, combine this with the 5g click makes for a superior waterproof barrier.

To add the frills, we've taken it one step further and added our trademarked 'acoustilay' backing. This is a noise-reducing pre-attached acoustic underlay which makes it perfect for multilevel homes, busy rooms and unit blocks. If you want a 'too easy' no fuss installation with minimal floor prep, then this is the product for you.

extra benefits:



5G click lock

Permanent click lock system backed by our lifetime warranty.



acoustic abilities

Drastically reduces noise transfer from room to room.



'too easy' to install

Too easy for the installer to drop, lock and go.



hides the flaws

Too easy to install over most dodgy existing floors.

perfect for:



residential



commercial

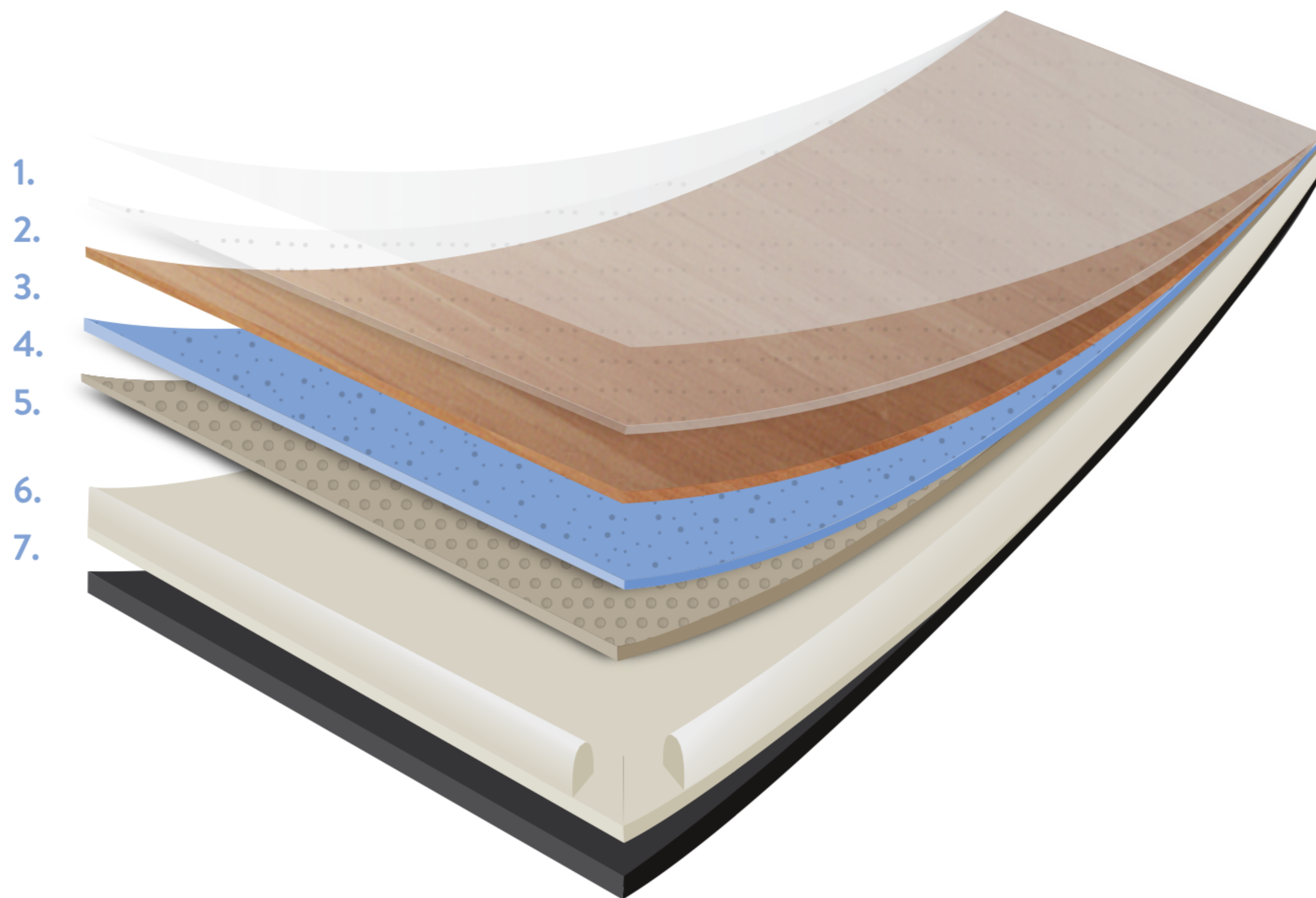


DIY



high rise living

product breakdown



1. luxshield surface protection

A surface finish creating a durable barrier that leaves the flooring hygienic and easy to clean.

2. clear embossed wear layer

An embedded wear layer created to provide strength and protection against every day wear and tear.

3. HD photographic layer

Showcasing the unique design of each luxfeel product for one of a kind beautiful floors.

4. stabiliser

An added layer that gives impact and dimensional stability.

5. air-lok core

Our air-lok core is an aerated core layer made from virgin pvc that makes your floor 100% waterproof giving you structural strength and allows for 'too easy' installation.

6. 5G click lock system

A glueless single action click lock system for speedy installations.

7. acoustilay

Our trade mark acoustilay backing is a premium pre-attached foam underlay added to reduce noise transfer, making for a quieter floor.

	Total thickness	ISO 24346	6.5mm
	Thickness of wear layer	ISO 24340	0.5mm
	Weight (+ 50 gr/m ²)	ISO 23997	7489g/m ²
	Size / Packaging		1212 x 228mm, 2.8m ² /box
	LnTw Impact Sound Reduction	EN ISO 10140-1:2016 and EN ISO 10140-3:2010+A1:2015	Pass
			Ideal for use in residential high rise structures with no need for extra acoustic underlay
	Dimension stability	BS EN ISO 23999	Pass <0.25%
	Colour fastness to light	EN ISO 105-B02	Pass > Grade 6
	Static indentation	EN 424	Pass
	Flexibility	EN 435	Pass
	Beveled Edge		
	Peeling strength of layer	EN431	Pass
	Locking system		5G
	Surface treatment		Luxshield PU coating
	Warranty	Commercial	15 year wear*
		Domestic	Lifetime wear*
	Abrasion Resistance	EN13329 Annex E	Pass 4000 cycles
	Impact resistance	EN13329 Annex F	Pass >1800mm
	Castor chair resistance	ISO 4918/ EN 425	Pass 25,000 cycles
	Thermal resistance	ISO 8302	0.052m ² K/W
	Standards	EN16511	Pass:- Multilayer modular floorcovering panels
	Classification	ISO 10874 Commercial	33:-Commercial heavy
		ISO 10874 Domestic	23:-Domestic heavy
	Resistance to chemicals & stains	EN 438-2	Pass (grade 5)
	Swelling	ISO 24336	pass (0.2%)
	Surface treatment		PUR
	Embossing		Natural
	Electrostatic properties	EN 1815	<2kv
	Fire Rating	AS ISO 9239.1 2003	CRF: 6.8 kW/m ² Smoke value: 154% min
	Slip Resistance	AS 4586	P3
	VOX emission	French VOC regulation (ISO 16000)	A+
	Phthalate free		Yes

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 3 of 3

6.5mm Luxfeel Air Hybrid flooring sample

PROJECT:	PN4539 U74 Gemini Towers, Burleigh Heads LNT	Meas. Date:	19-Nov-18
Test Location:	Unit 75 Living to Unit 71 Living	Meas. Parameter:	LLeq
Test Surface:	6.5mm Luxfeel Air Hybrid floor sample	Tapping Machine:	Look Line EM50
Client:	Luxfeel Flooring	Receiving Room Volume:	109 m ³
Test Performed:	Rasika Chandrasekara		

DESCRIPTION OF FLOOR AND SPECIMEN

Floor:		No. of Source posn:	4
Product:	6.5mm Luxfeel Air Hybrid flooring sample	Mic. posn:	4 sweeps
Adhesive:	Loose LVT	RT meas:	6 Imp.
Ceiling:	Exposed concrete slab	SLM:	Nor 140
Slab:	Concrete 160mm		

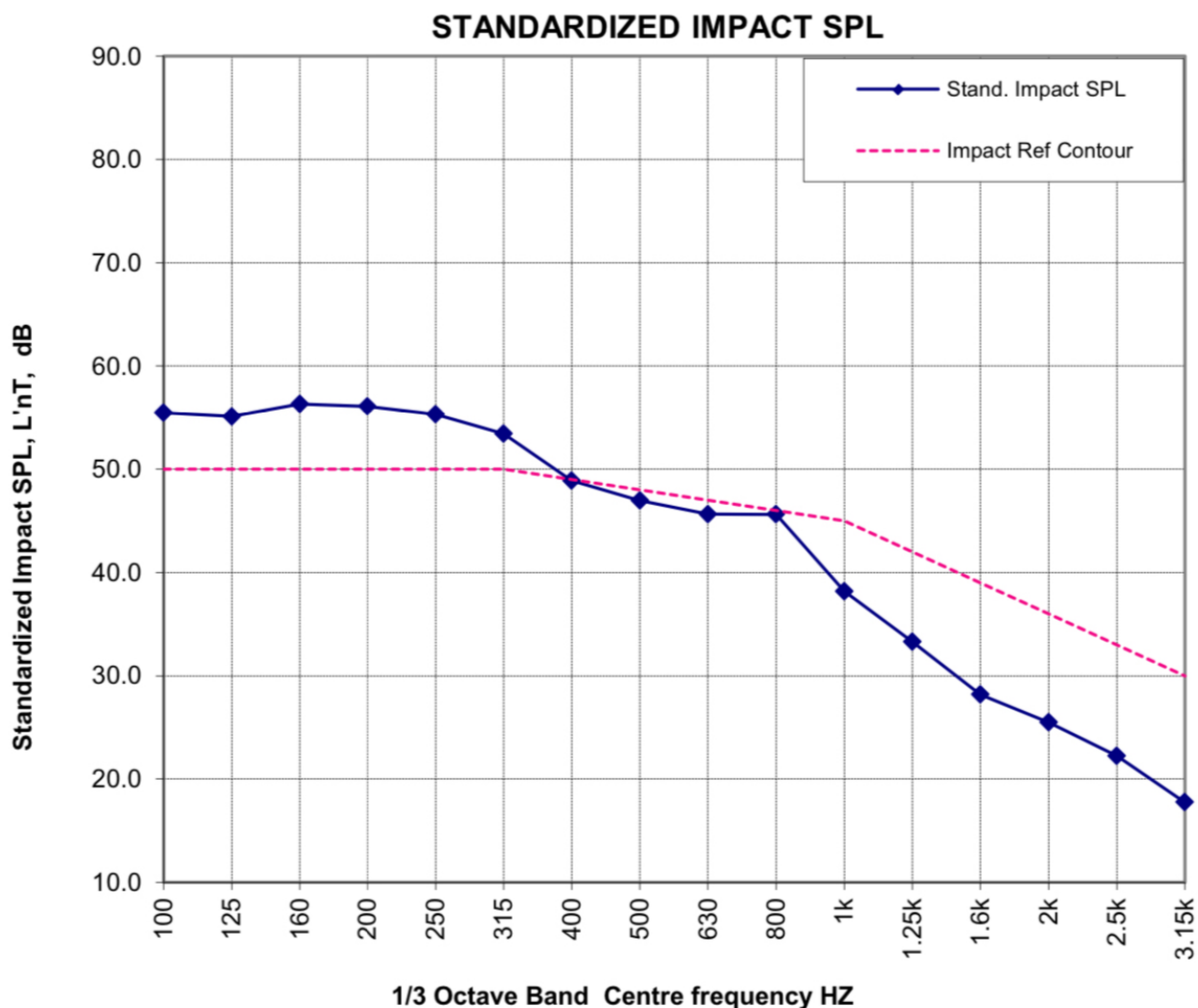
Weighted Standardized Impact SPL

Results standardized to a RT of 0.5 seconds

L'nT,w 48

ISO 16283-2:2015 & 717-2:2013

Centre Frequency Hz	Stand. Impact SPL dB	Impact Ref Contour dB	Deficiencies dB
100	55.5	50	5.5
125	55.1	50	5.1
160	56.3	50	6.3
200	56.1	50	6.1
250	55.3	50	5.3
315	53.4	50	3.4
400	48.9	49	
500	47.0	48	
630	45.6	47	
800	45.6	46	
1k	38.2	45	
1.25k	33.3	42	
1.6k	< 28.2	39	
2k	< 25.5	36	
2.5k	22.2	33	
3.15k	< 17.7	30	
Total			



L'nT,w 48 31.7